



(29)

Shell Oil Company
% Haseltine Lake & Co
Imperial House
15-19 Kingsway
LONDON
WC2B 6UD

Your Reference: HL83091/000/ASG
Application No: GB 0220872.6

The Patent Office
Patents Directorate

Concept House
Cardiff Road, Newport
South Wales NP10 8QQ

Examiner: 01633 813756
E-mail: richard.so@patent.gov.uk
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Fax: 01633 814444
Minicom: 08459 222250
DX 722540/41 Cleppa Park 3
<http://www.patent.gov.uk>

14 March 2003

Dear Sirs

Patents Act 1977: Search Report under Section 17(6)

I enclose two copies of my search report relating to claim 6 and a copy of the citations.

This search is in response to the further Patents Form 9/77 filed on 27 January 2003.

Yours faithfully

[Handwritten signature]
Richard So
Examiner

[†]Use of E-mail: Please note that e-mail should be used for correspondence only.



INVESTOR IN PEOPLE

Application No: GB 0220872.6
Claims searched: 6

Examiner: Richard So
Date of search: 13 March 2003

Patents Act 1977 : Further Search Report under Section 17

Documents considered to be relevant:

| Category | Relevant to claims | Identity of document and passage or figure of particular relevance | |
|----------|--------------------|--|--|
| X | 6 | GB 2343691 A | (SHELL). See whole document in particular figure 1. |
| X | 6 | WO 01/04535 A1 | (ENVENTURE GLOBAL TECHNOLOGIES). See whole document in particular figure 21, and page 217 line 11 to page 222 line 2 |
| X, P | 6 | WO 01/83943 A1 | (SCHLUMBERGER). See whole document in particular figure 1 and page 3 lines 26 to 36. |

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| & Member of the same patent family | E Patent document published on or after, but with priority date earlier than, the filing date of this application. |

Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC⁶:

E1F.

Worldwide search of patent documents classified in the following areas of the IPC⁷:

E21B.

The following online and other databases have been used in the preparation of this search report :

EPODOC, JAPIO, WPI.



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Yours faithfully

Richard So
Examiner



Application No: GB 0220872.6
Claims searched: 7 and 8

Examiner: Richard So
Date of search: 13 March 2003

Patents Act 1977 : Further Search Report under Section 17

Documents considered to be relevant:

| Category | Relevant to claims | Identity of document and passage or figure of particular relevance | |
|----------|--------------------|--|--|
| X | 7 and 8 | GB 2343691 A | (SHELL). See whole document in particular figure 1. |
| X | 7 and 8 | WO 01/04535 A1 | (ENVENTURE GLOBAL TECHNOLOGIES). See whole document in particular figure 21, and page 217 line 11 to page 222 line 2 |
| X, P | 7 | WO 01/83943 A1 | (SCHLUMBERGER). See whole document in particular figure 1 and page 3 lines 26 to 36. |

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Examiner

¹**Use of E-mail:** Please note that e-mail should be used for correspondence only.
An Executive Agency of the Department of Trade and Industry



INVESTOR IN PEOPLE

Application No: GB 0220872.6
Claims searched: 9 to 12

Examiner: Richard So
Date of search: 13 March 2003

Patents Act 1977 : Further Search Report under Section 17

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|----------|--------------------|--|--|
| X | 9 to 12. | GB 2343691 A | (SHELL). See whole document in particular figure 1, page 3 lines 18 to 29, and page 5 lines 5 to 9. |
| X | 9 to 12. | WO 01/04535 A1 | (ENVENTURE GLOBAL TECHNOLOGIES). See whole document in particular figure 21, page 217 line 11 to page 222 line 2, and page 293 lines 18 to 27. |
| A | - | WO 00/50732 A1 | (SHELL). See whole document in particular page 3 lines 3 to 13, page 3 line 26 to page 4 line 5. |
| A | - | US 6070671 A | (CUMMING et al.). See whole document in particular figures 1 and 4. |

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Application No: GB 0220872.6
Claims searched: 13

Examiner: Richard So
Date of search: 13 March 2003

Patents Act 1977 : Further Search Report under Section 17

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| X | 13. | WO 01/04535 A1 | (ENVENTURE GLOBAL TECHNOLOGIES). See whole document in particular figure 21, page 217 line 11 to page 222 line 2, and page 295 lines 9 to 14. |
| A | - | WO 00/50732 A1 | (SHELL). See whole document in particular page 3 lines 2 to 13, page 3 line 26 to page 4 line 5. |
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Application No: GB 0220872.6

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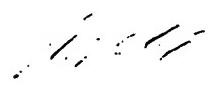
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Application No: GB 0220872.6
Claims searched: 14

Examiner: Richard So
Date of search: 13 March 2003

Patents Act 1977 : Further Search Report under Section 17

Documents considered to be relevant:

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|----------|--------------------|--|--|
| X | 14. | GB 2343691 A | (SHELL). See whole document in particular figure 1 and page 3 lines 18 to 29. |
| X | 14. | WO 01/04535 A1 | (ENVENTURE GLOBAL TECHNOLOGIES). See whole document in particular figure 21, and page 217 line 11 to page 222 line 2. |
| A, P | - | GB 2370301 A | (BAKER HUGHES INC.). See whole document in particular figures 1a to 5b and 11 to 19, page 7 lines 1 to 21, and page 51 line 21 to page 16 line 20. |
| A | - | WO 00/50732 A1 | (SHELL). See whole document in particular page 3 lines 2 to 13, page 3 line 26 to page 4 line 5. |
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Application No: GB 0220872.6
Claims searched: 15 and 16

Examiner: Richard So
Date of search: 13 March 2003

Patents Act 1977 : Further Search Report under Section 17

Documents considered to be relevant:

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|----------|--------------------|--|--|
| X | 15 and 16. | GB 2343691 A | (SHELL). See whole document in particular figure 1 and page 3 lines 18 to 29. |
| X | 15 and 16. | WO 01/04535 A1 | (ENVENTURE GLOBAL TECHNOLOGIES). See whole document in particular figure 21, and page 217 line 11 to page 222 line 2. |
| A, P | - | GB 2370301 A | (BAKER HUGHES INC.). See whole document in particular figures 1a to 5b and 11 to 19, page 7 lines 1 to 21, and page 51 line 21 to page 16 line 20. |
| A | - | WO 00/50732 A1 | (SHELL). See whole document in particular page 3 lines 2 to 13, page 3 line 26 to page 4 line 5. |
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Your Reference: HL83091/000/ASG
Application No: GB 0220872.6

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Application No: GB 0220872.6
Claims searched: 17 to 19

Examiner: Richard So
Date of search: 13 March 2003

Patents Act 1977 : Further Search Report under Section 17

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| X | 17 to 19. | GB 2343691 A | (SHELL). See whole document in particular figure 1, and page 6 line 24 to 29. |
| X | 17 to 19. | WO 01/04535 A1 | (ENVENTURE GLOBAL TECHNOLOGIES). See whole document in particular figure 21, page 217 line 11 to page 222 line 2, and page 295 lines 9 to 14. |
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..<<

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INVESTOR IN PEOPLE

Application No: GB 0220872.6
Claims searched: 20

Examiner: Richard So
Date of search: 13 March 2003

Patents Act 1977 : Further Search Report under Section 17

Documents considered to be relevant:

| Category | Relevant to claims | Identity of document and passage or figure of particular relevance | |
|----------|--------------------|--|---|
| X | 20. | GB 2343691 A | (SHELL). See whole document in particular figure 1, page 5 lines 12 to 16, and page 8 lines 1 to 18. |
| X | 20. | WO 01/04535 A1 | (ENVENTURE GLOBAL TECHNOLOGIES). See whole document in particular figure 21, and page 217 line 11 to page 222 line 2. |
| A | - | EP 0553566 A1 | (HALLIBURTON). See whole document in particular the figures, and column 1 line 29 to column 2 line 2. |
| A | - | WO 00/50732 A1 | (SHELL). See whole document in particular page 2 lines 13 to 25, page 3 lines 2 to 13, page 3 line 26 to page 4 line 5. |

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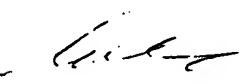
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INVESTOR IN PEOPLE

Application No: GB 0220872.6
Claims searched: 21 and 22

Examiner: Richard So
Date of search: 13 March 2003

Patents Act 1977 : Further Search Report under Section 17

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| X | 21 and 22. | WO 01/04535 A1 | (ENVENTURE GLOBAL TECHNOLOGIES). See whole document in particular figure 21, and page 217 line 11 to page 222 line 2. |
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Patents Act 1977: Search Report under Section 17(6)

I enclose two copies of my search report relating to claims 24 and 25 and a copy of the citations.

This search is in response to the further Patents Form 9/77 filed on 27 January 2003.

Yours faithfully

(Signature)
Richard So
Examiner

[†]**Use of E-mail:** Please note that e-mail should be used for correspondence only.



INVESTOR IN PEOPLE

Application No: GB 0220872.6
Claims searched: 24 and 25

Examiner: Richard So
Date of search: 13 March 2003

Patents Act 1977 : Further Search Report under Section 17

Documents considered to be relevant:

| Category | Relevant to claims | Identity of document and passage or figure of particular relevance | |
|----------|--------------------|--|---|
| X | 24 and 25. | GB 2343691 A | (SHELL). See whole document in particular figure 1, page 5 lines 12 to 16, and page 8 lines 1 to 18. |
| X | 24 and 25. | WO 01/04535 A1 | (ENVENTURE GLOBAL TECHNOLOGIES). See whole document in particular figure 21, and page 217 line 11 to page 222 line 2. |
| A | - | EP 0553566 A1 | (HALLIBURTON). See whole document in particular the figures, and column 1 line 29 to column 2 line 2. |
| A | - | WO 00/50732 A1 | (SHELL). See whole document in particular page 2 lines 13 to 25, page 3 lines 2 to 13, page 3 line 26 to page 4 line 5. |

Categories:

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| X Document indicating lack of novelty or inventive step | A Document indicating technological background and/or state of the art. |
| Y Document indicating lack of inventive step if combined with one or more other documents of same category. | P Document published on or after the declared priority date but before the filing date of this invention. |
| & Member of the same patent family | E Patent document published on or after, but with priority date earlier than, the filing date of this application. |

Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC⁶:

E1F.

Worldwide search of patent documents classified in the following areas of the IPC⁷:

E21B.

The following online and other databases have been used in the preparation of this search report:

EPODOC, JAPIO, WPI.



Shell Oil Company
% Haseltine Lake & Co
Imperial House
15-19 Kingsway
LONDON
WC2B 6UD

Your Reference: HL83091/000/ASG
Application No: GB 0220872.6

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14 March 2003

Dear Sirs

Patents Act 1977: Search Report under Section 17(6)

I enclose two copies of my search report relating to claims 26 to 37 and a copy of the citations.

This search is in response to the further Patents Form 9/77 filed on 27 January 2003.

Yours faithfully

Richard So
Examiner

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INVESTOR IN PEOPLE

Application No: GB 0220872.6
Claims searched: 26 to 37

Examiner: Richard So
Date of search: 13 March 2003

Patents Act 1977 : Further Search Report under Section 17

Documents considered to be relevant:

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|----------|--------------------|--|---|
| X | 26 to 37. | WO 01/04535 A1 | (ENVENTURE GLOBAL TECHNOLOGIES). See whole document in particular figures 21, and 48 to 52, page 264 line 3 to page 273 line 16, page 293 lines 18 to 27, and page 314 line 5 to page 317 line 4. |
| A | - | GB 2343691 A | (SHELL). See whole document. |

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Your Reference: HL83091/000/ASG
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14 March 2003

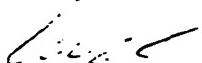
Dear Sirs

Patents Act 1977: Search Report under Section 17(6)

I enclose two copies of my search report relating to claims 38 to 51 and a copy of the citations.

This search is in response to the further Patents Form 9/77 filed on 27 January 2003.

Yours faithfully


Richard So
Examiner



INVESTOR IN PEOPLE

Application No: GB 0220872.6
Claims searched: 38 to 51

Examiner: Richard So
Date of search: 13 March 2003

Patents Act 1977 : Further Search Report under Section 17

Documents considered to be relevant:

| Category | Relevant to claims | Identity of document and passage or figure of particular relevance | |
|----------|----------------------|--|---|
| X | 38, 39 and 44 to 47. | GB 2343691 A | (SHELL). See whole document in particular figure 1, page 5 lines 12 to 16, and page 8 lines 1 to 18. |
| X | 38, 39 and 44 to 47. | WO 01/04535 A1 | (ENVENTURE GLOBAL TECHNOLOGIES). See whole document in particular figure 21, and page 217 line 11 to page 222 line 2. |
| X | 38, 46 and 47. | WO 00/50732 A1 | (SHELL). See whole document. |
| X | 38, 46 and 47. | US 6070671 A | (CUMMING et al.). See whole document in particular the figures, and column 1 lines 6 to 9 and 47 to 63. |
| X, P | 38, 46 and 47. | GB 2371064 A | (SCHLUMBERGER). See whole document in particular the figures and page 2 lines 1 to 6. |
| X, P | 38, 46 and 47. | GB 2370301 A | (BAKER HUGHES). See whole document in particular figures 1 to 5 and 23 to 25, and page 20 lines 1 to 13. |
| X, P | 38, 46 and 47. | WO 01/83943 A1 | (SCHLUMBERGER). See whole document in particular the figures and page 6 lines 13 to 23. |

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E21B.



INVESTOR IN PEOPLE

Application No: GB 0220872.6
Claims searched: 38 to 51

Examiner: Richard So
Date of search: 13 March 2003

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Your Reference: HL83091/000/ASG
Application No: GB 0220872.6

14 March 2003

Dear Sirs

Patents Act 1977: Search Report under Section 17(6)

I enclose two copies of my search report relating to claims 52 to 61 and a copy of the citations.

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Yours faithfully

Richard So
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Application No: GB 0220872.6
Claims searched: 52 to 61

Examiner: Richard So
Date of search: 13 March 2003

Patents Act 1977 : Further Search Report under Section 17

Documents considered to be relevant:

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|----------|--------------------|--|---|
| X | 52 to 55. | GB 2343691 A | (SHELL). See whole document in particular figure 1, and page 3 lines 18 to 29. |
| X | 52 to 55. | WO 01/04535 A1 | (ENVENTURE GLOBAL TECHNOLOGIES). See whole document in particular figure 21, and page 217 line 11 to page 222 line 2. |
| X | 52 and 53. | WO 02/25059 A1 | (HALLIBURTON). See whole document in particular figure 2, and page 14 line 12 to page 15 line 2. |
| A | - | WO 99/06670 A1 | (SHELL). See whole document in particular the figures and page 4 lines 16 to 32. |

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